

Analysis Date: 25-03-2025

Re-test Date: 25-03-2028

CASPOFUNGIN EP IMPURITY B

Identification

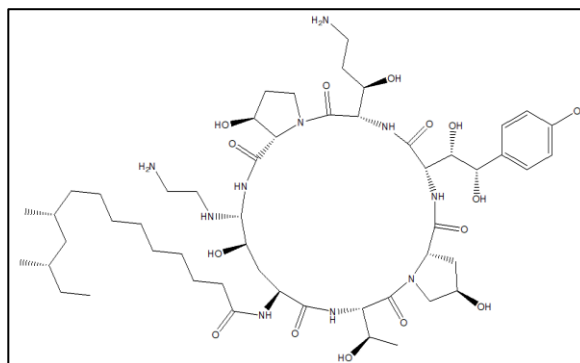
Chemical Name : (10R,12S)-N-((2R,6S,9S,11R,12R,14aS,15S,20S,23S,25aS)-20-((R)-3-Amino-1-hydroxypropyl)-12-((2-aminoethyl)amino)-23-((1S,2S)-1,2-dihydroxy-2-(4-hydroxyphenyl)ethyl)-2,11,15-trihydroxy-6-((R)-1-hydroxyethyl)-5,8,14,19,22,25-hexaoxotetracosahydro-1H-dipyrrolo[2,1-c:2',1'-l][1,4,7,10,13,16]hexaazacyclohenicosin-9-yl)-10,12-dimethyltetradecanamide

CAT No : ALL-CAS-8468

CAS No : N.A.

Molecular Formula : C₅₂H₈₈N₁₀O₁₅

Molecular Weight : 1093.3



Analytical Information

Batch No.	: ALL-CAS-8468	HPLC Purity	: 98.06%
Solubility	: METHANOL	Potency	: 96.29%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.846%	¹H NMR	: Confirm
Residue Of Ignition	: 0.955%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.846+ 0.955× 98.06)]/100= 96.29%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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